



**Part Number: 5500FH**

Security & Sound, #22-2c, TC, Shielded, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 2-22 AWG stranded tinned copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Riser
Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	2

Conductor Count:	2
Conductor Size:	22 AWG

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.045 in	0.008 in

#### Color Chart

Number	Color	Number	Color
1	Black	2	Red

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	24

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.126 in	0.017 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.1 Ohm/1000ft	16.1 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
34.5 pF/ft	62 pF/ft

#### Current

Max. Recommended Current [A]
2.8 Amps per conductor @ 25°C A

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	10.0 lbs/1000ft
Max Recommended Pulling Tension:	23.7 lbs
Min Bend Radius/Minor Axis:	1.5 in

## Standards

NEC Articles:	800
NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes

## Suitability

Suitability - Aerial:	No
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Sunlight Resistance:	No

## Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Riser
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6500FH

## Part Number

### Variants

Item #	Color	UPC	Length
5500FH 010U1000	Black	612825162889	1,000 ft
5500FH 0081000	Gray	612825162834	1,000 ft
5500FH 008U1000	Gray	612825425717	1,000 ft
5500FH 008Z1000	Gray	612825162858	1,000 ft

## History

Update and Revision:	Revision Number: 0.170 Revision Date: 12-12-2018
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